

California Weather-Hydro Conditions during August 2015

As of August 31, statewide hydrologic conditions were as follows: precipitation, 75 percent of average to date; runoff, 45 percent of average to date; and reservoir storage, 55 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2015, observed through August 31, 2015 was about 9.0 million acre-feet (MAF), which is about 50 percent of average. In comparison to Water Year 2014, the observed Sacramento River Region unimpaired runoff through August 31, 2014 was about 7.2 MAF, or about 40 percent of average.

On August 31, the Northern Sierra 8-Station Precipitation Index Water Year total was 36.8 inches, which is about 75 percent of the seasonal average to date and 74 percent of an average water year (50.0 inches). During August, the total precipitation for the 8-Stations was 0.1 inches, or about 33 percent of average for the month. Last year on August 31, the Water Year 2014 seasonal total for the 8-Stations was 29.7 inches, or about 60 percent of average.

On August 31, the San Joaquin 5-Station Precipitation Index Water Year total was 18.8 inches, which is about 47 percent of the seasonal average to date and 46 percent of an average water year (40.8 inches). During August, the total precipitation for the 5-Stations was 0.0 inches (0.2 inches is average for the month). Last year on August 31, the Water Year 2014 seasonal total for the 5-Stations was 19.6 inches, or about 49 percent of average.

Daily Precipitation (in inches) for Selected Stations as of 09/01/2015					
Station	Oct 1 to Date 2014 - 2015	% Average	Season to Date 2013 - 2014	% Average	% Average Oct 1 - Sep 30
Mount Shasta	35.09	82	12.39	29	80
Eureka	30.48	77	17.27	43	76
Redding	23.12	68	16.31	48	67
South Lake Tahoe	13.91	71	15.35	78	68
Sacramento Executive Airport	15.43	85	8.93	49	83
Santa Rosa (Sonoma Co AP)	22.35	62	13.70	38	62
San Francisco	17.66	75	12.05	51	75
Stockton	10.68	78	7.00	51	76
Yosemite	18.42	49	16.73	45	49
Monterey	14.61	92	8.37	53	91
Paso Robles	8.40	67	4.91	39	66
Fresno	6.50	57	4.92	43	57
Bakersfield	5.29	83	2.41	38	82
Death Valley	1.05	49	1.15	53	44
Los Angeles	8.67	59	5.78	39	58
Riverside	5.82	48	2.04	17	47
Palm Springs	2.50	46	2.07	38	44
San Diego	10.03	98	4.98	49	97

Key Reservoir Storage (1,000 AF) as of 08/31/2015								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	680	1,803	38	2,448	28	---	1,768
Shasta Lake	Sacramento	1,789	2,878	62	4,552	39	-2,764	2,763
Lake Oroville	Feather	1,072	2,318	46	3,538	30	-2,466	2,466
New Bullards Bar Res	Yuba	422	653	65	930	45	-544	544
Folsom Lake	American	195	611	32	977	20	-782	782
New Melones Res	Stanislaus	295	1,387	21	2,400	12	-2,125	2,125
Don Pedro Res	Tuolumne	651	1,436	45	2,030	32	-1,379	1,379
Lake McClure	Merced	96	564	17	1,025	9	-929	929
Millerton Lake	San Joaquin	158	236	67	520	30	-363	362
Pine Flat Res	Kings	126	378	33	1,000	13	-874	874
Isabella	Kern	31	216	14	568	5	-330	537
San Luis Res	(Offstream)	410	858	48	2,041	20	---	1,629

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for September 2015, issued August 31, 2015, suggests equal chances of wet or dry conditions for most of California, except for the southern third of the State where above average precipitation is suggested.